Columbia University
in the City of New York

College of Physicians and Surgeons

Library

Digitized by the Internet Archive
in 2011 with funding from
Open Knowledge Commons

http://www.archive.org/details/catalogueofanato00king

CATALOGUE

OF THE

ANATOMICAL MUSEUM,

IN THE

College of Physicians and Surgeons,

NEW-YORK.

BY F. G. KING.

NEW-YORK:

J. W. Palmer & Co. Printers, corner Wall & Broad-sts.

....

1825

Spec Coll
M-2011
8L
814
.C72
1825

PREFACE.

PUBLIC utility, and the advancement of science, are the great objects of all cabinets; every method, therefore, which may promote these ends, should be adopted.

It is in furtherance of this opinion that the present arrangement has been made; for a cabinet especially an Anatomical one, can be of little benefit to the student, unless its pieces be methodised and explained.

In the adoption of the following arrangement, reference has been chiefly had to convenience; scientific distinctions have therefore been less regarded than natural connection and facility of reference.

The object of publication is, accommodation to students, that they may see what the collection contains, and *know* what they see. For the same reason care will be taken to have the cabinet opened at stated hours during the session, for the admission of students, when they may have full opportunity of examining for themselves every article in the collection.

New-York, Oct. 20th, 1825.

CATALOGUE.

DEPARTMENT A.

CONSISTING OF WET PREPARATIONS.

Division A., *Respiratory System.*—a. *Natural.*

A a

Nos.

1 The lungs of a Turtle minutely injected and longitudinally divided, to exhibit the size of its cellular structure, and the vascularity of the organ.

2 Portion of the lung of a Cat injected with size, and its air cells filled with mercury.

3 The lung of a Cat rendered transparent, and thus exhibiting its bronchial ramifications.

4 The lung of a Fœtus injected, showing the form of this organ, its division into lobes, and its vascularity.

5 The Trachea of a Turtle, exhibiting a partial ossification of its cartilages.

6 A portion of Trachea, its membranes partially dissected, exhibiting its muscular fibres and glands.

7 Larynx Trachea and Bronchiæ, preserved in connection, exhibiting the deficiency at the posterior portion of the cartilaginous rings.

8 Larynx, its cartilages dissected, showing the nature and mode of their attachment to each other, as also to the Os Hyoides.

9 Larynx laid open posteriorly, to exhibit the ligaments of the voice.

10 Larynx, the Sacculi Laryngei distinctly exhibited. Thyroid gland in situ injected.

A a

11 Tongue, Larynx Trachea, Bronchiæ, and Lungs of a Fœtus, preserved in connexion.

12 Larynx dissected, exposing the muscles of the Aryteroid cartilages.

A b A b *Morbid.*

13 Larynx of a Child, containing the extremity of a clasp; the other extremity being in the œsophagus, which is much corrugated.

14 Do. at 10 months, containing half of a pea-nut shell longitudinally divided, and apparently retained in its situation by being hooked over the ligament of the voice. (It proved fatal in six hours.)

15 Larynx and upper portion of Trachea, from a case of Croup; a bougie introduced into the tubular part of the *membranous* formation.

16 Lower portion of Trachea and Bronchiæ, showing the commencement of the membranous formation in Croup.

17 Larynx and Trachea, from a fatal case of Laryngitis—Epiglottis distended like a grape by serous effusion beneath its lining membrane—the mucous membrane to the ligaments of the voice, similarly distended; the Rima Glottidis was closed from the same cause. Death ensued in three hours.

18 A longitudinal section of the Trachea and Œsophagus, exposing an ulcer, which having eroded the intermediate parietes, affords a direct opening from the Œsophagus to the Trachea.

19 A portion of Tuberculated Lung.

20 Do. do.

21 Do. of Lung covered with coagulable lymph.

22 An effusion of Lymph, as yet unorganized, upon an injected portion of Lung.

A b

23 Adhesions between Pleura Pulmonalis and Costalis, injected to show their vascularity.

24 Do. uninjected—very long and numerous.

25 A remarkable contraction of the Fauces, in consequence of syphilitic ulceration.

26 A piece of Beef—the cause of death in the patient, from whom No. 25 was taken; for in attempting to swallow this, he was suffocated—part was found below the stricture, and part in the mouth. Died instantly.

27 Ossification of the Pleura Costalis.

B a

B *Cuculatory System.*

a *Natural.*

28 Trunk of a Fœtus, injected and dissected to exhibit the peculiarity of the fœtal circulation.

29 A Fœtal Heart, with different sections exposing its peculiarities.

30 The Septum Auriculorum, the foramina Thebasii injected with mercury, and a quill passed through foramen ovale, which was still open in the adult.

31 A portion of Aorta, its coats separated by dissection.

32 A valve of the Aorta, the portion of artery behind it being removed to exhibit its mode of attachment to the side of the artery.

33 The valves at the origin of the Aorta.

34 A portion of Vein—the valve in its shut state.

B b

B b *Morbid.*

35 A Semilunar Valve, with a peculiar corpus aurantium, like a camels' hair pencil.

36 Vales of the Aorta, ossified around the margins, & closed.

B b

37 Diseased Aorta, ossified in patches—the valves ossified.

38 Arch of Aorta diseased, ossific deposit, extending into the vessels there given off.

39 Do. do. do

40 Heart—its valves ossified—its body loaded with fat, and the Aorta extensively ossified in plates and spiculæ.

41 Aneurism of the Aorta, just above the Diaphragm, the posterior part of the sac destroyed, and its edges found adherent to the vertebræ.

42 A diseased artery, as it appears before enlarging into an aneurismal sac.

43 A section of an aneurismal artery, containing a large lamellated coagulum.

44 A popliteal Aneurism, the artery seen above and below the sac, a portion of which is removed to expose the coagulum within.

45 Inferior Cava, plugged up with a coagulum of Lymph.

46 A heart covered with a deposit of Lymph within the pericardium.

C *Digestive System.*

C a

a *Natural*

47 The tongue of an adult, showing its Papillæ and foramen cæcum.

48 Tongue of a Fœtus injected, and a portion of its cuticular covering turned off.

49 Do. partially injected, demonstrating that there is not a free anastomosis between the vessels of the two sides.

50 A section of the Tongue, to exhibit the disposition of its muscular fibres.

51 The sub-maxillary Gland, its duct injected with mercury.

Ca

52 The Œsophagus of a dog, with the cardiac orifice of stomach minutely injected, and portions of its cuticular lining turned off.

53 Œsophagus of a Turtle, exposing its peculiar pointed processes.

54 A Fœtal Liver, injected to expose the form and vascularity of this viscus.

55 A portion of Liver, with its peritoneal covering separated from its proper capsule.

56 Do. do. the peritoneal and proper capsule, separated from each other, and from the liver.

57 The Superficial Lymphatics of the Liver, injected with mercury.

58 A Gall Bladder, injected.

59 Do. do.

60 Do. do.

61 Do. bisected with a portion of its duct, coats thickenened, and a glandular structure evident internally.

62 Pancreas, longitudinally divided, exposing the duct injected.

63 Fœtal spleen, injected.

64 A small spleen, found on the mesentery, near the large one.

65 Teeth of Fœtus, at birth.

66 Stomach injected moderately.

67 Do. do. highly.

68 Do. do. do.

69 Do. do. moderately.

70 Do. do. highly.

71 Natural longitudinal folds of a stomach.

72 Lower portion of a stomach, and upper portion of a duodenum, with the pyiorus distinctly exhibited.

73 Stomach of a Deer.

C a

74 Portion of Duodenum; pancreatic choledic ducts terminating separately.

75 Portion of Duodenum, the ducts terminating by a common orifice.

76 Fœtal Jejunum, injected.

77 Do. do. do.

78 Adult, do. do.

79 Do. do. uninjected, exhibiting glands.

80 Portion of fœtal ileon injected.

81 Do. do. do.

82 Do. Adult do. exhibiting arterial ramifications between the coats.

83 Do. do. highly injected.

84 Do. Fœtal, showing villi.

85 Do. of a Dog, showing conical villi.

86 Do. Jejunum, highly injected.

87 Glandulæ solitariæ of the intestines.

88 Glandulæ Aggregatæ do.

89 Section of intestine, exhibiting the course of the lacteals, between its coats.

90 Do. do. exposing the mouth of some Lacteals.

91 The first order of Human Lacteats, ending in the mesenteric glands, injected with mercury.

92 A Lacteal and Gland, injected with mercury.

93 Arteries and Veins of the intestines, and a portion of mesentery, injected.

94 Turtle's Mesentery, with a portion of intestines—arteries and veins injected with wax, and lacteals with with mercury.

95 A portion of ileon inverted, to give a comparative view with the Jejunum.

96 A portion of colon, exhibiting its longitudinal bands.

97 Do. do. injected.

C a

98 A portion of ileon, injected.

C b b *Morbid.*

99 A Liver remarkably tuberculated.
100 Section of a tuberculated Liver.
101 Do. do. do.
102 Do. do. do.
103 A layer of Lymph, thrown out upon the surface of the liver.
104 A Tumor in the substance of the liver.
105 Hydatids in the liver.
106 Stomach Carcinomatous.
107 Do. Erosion of Coronary Artery.
108 Do. of a Dog, killed by arsenic.
109 Stomach.
110 Intestine, with a large diverticulum attached to the umbilicus.
111 Do. do. do. Fœtal.
112 Do. do. do. injected valve of colon.
113 Do. do. do.
114 Portion of Jejunum, near the ileon, with excresences following valvulæ conniventes—the effect of Dysentery.
115 Ileon, from same subject.
116 Colon, do.
117 Rectum, do.
118 Colon from a child, æt 2—ulcerated.
119 Ileon do. do. injected.
120 Rupture of the ileon—its edges everted—the effect of ulceration.
121 Itus susception of intestine injected.
122 Scrotal Entero—Epiplocele.
123 Do. Epiplocele.

C b

124 Tape Worms.
125 Do. do.
126 Guinea do.
127 Do. do.

D a

D *Uropoietic System.*

a *Natural.*

128 The Kidney of a cat—exhibiting the arborescent distribution of its vessels.
129 Fœtal Kidney, with a conglomerate Renal capsule.
130 Do. do. Renal Capsule different.
131 Do. do. do. do.
132 Section of an Injected Kidney, from a carniverous animal.
133 Do. do. Human Kidney, to show the difference of vascularity in its two substances.
124 Do. do. highly injected.
135 Do. do. partially. do.
126 Section of a Kidney, exhibiting the termination of the tubuli uriniferi in the infundibulum.
137 Lower portion of a fœtal abdomen, exhibiting the Ureters and Kidneys in their natural and relative situation.

D b

b *Morbid.*

138 A Kidney, with *two* Ureters terminating *separately* in the bladder, which arrangement also obtained on the opposite side.
139 A Kidney diseased—of a light spongy texture—the opposite one similar, yet no obvious affection of these parts was noticed during life.
140 Tuberculated Kidney.
141 A large Hydatid of the kidney.
142 Hydatids of the kidney.
143 Do. do.

D b

144 A small Calculus in the tubular part of the kidney.

145 A Calculus in pelvis of the kidney.

146 Kidney and Ureter of an Ox—both distended with calculi.

147 Human Kidney diseased—very large and spongy, and distended with calculi.

148 Part of a Bladder, whence 95 calculi were removed—its parietes much thickened.

149 Ureter from the same.

150 Do. do.

151 A Cyst from the bladder of an ox, affording proof that a Calculus may be so concealed as not to afford evidence of its existence by the sound.

152 An enlarged Prostate—the bladder in connection much thickened from retention of urine.

E a 1

E *Genital System.*

a *Natural.*

1 MALE.

153 A Penis, Urethra and Corpora Cavernosa laid open, a portion of bladder attached, the ureters and vesiculæ seminales seen—the latter laid open to expose their internal structure.

154 Trunk of a male fœtus exposed to exhibit the testes in their original situation on the psoas muscle, *within* the abdomnal cavity—the *Gubernaculum* is seen passing from the testes to the ring.

155 Lower portion of a fœtal trunk, exhibiting the testis in different points of their descent.

156 A Testis Tunica albuginea turned off: the tubili partially unravelled.

157 Tubuli testis, partially injected (mercury) Epidydimis, filled and a lymphatic seen accompanying the vas deferens.

E a 1

158 A Testis very minutely injected (mercury.)

159 The Vasa Efferentia seen in the most natural and convoluted state, (injected mercury,) a wandering vessel, arising from the Epidydimis, and terminating in a cul de sac in the cellular substance of the chord.

160 Epidydimis, filled with mercury and veins of testis, constituting the corpus pampiniforme, injected with wax.

161 Do. do.

162 Lymphatics of testis and spermatic chord of a Dog, injected (mercury.)

163 Do. do.

164 Spermatic artery of a Bull, injected.

165 A Cremaster Muscle, unusually large, from an enlarged testis.

166 A Lumbricus Terrestris, with his generative organs unravelled.

E b b 1. *Morbid.*

167 A Sarcole, with a portion of skin which had ulcerated the Tunica Vaginalis—generally adherent.

168 A Hydatid and Schirrus Testicle, with an enlarged Cremaster.

169 A Penis—Urethra laid open to expose its ulcerated condition; also a rupture of it leading to Fistula in Perinœo.

E a a *Natural.*

2 Female.

170 The female organs, with a vertical section of the Pelvic contents to expose their relative situation.

171 External organs bounded by a hymen.

172 A hymen.

173 Do. } These are of various forms.

174 Do.

E a

175 External and Internal Organs—for demonstration.

176 Vagina, Uterus and appendages all laid open; the right ovarium exposing a corpus luteum.

177 Do. do. of a subject æt. 10, injected and laid open.

178 Abdomen of a female fœtus laid open to exhibit the situation of the internal organs, at this period *above* the brim of the pelvis.

179 An Ovarium laid open, exhibiting a corpus luteum.

180 Do. do. do.

181 An Adult uterus, inverted.

182 Portion of a Sow's uterus, injected.

E b 2 b 2. *Morbid.*

183 An Uterus in a schirrus state.

184 Hydatids of the Uterus.

185 Polypus do.

186 Vagina Uterus, &c. of a quadruped—the bones of a fœtus seen in the vagina.

187 Ovarian dropsy very large.

F F *Generation and Pregnancy.*

188 A Fœtus in its membranes.

189 Section of an impregnated Uterus injected, and exposing its membranes.

190 Do. do. do. the three membranes seen.

191 Do. do.

192 Portion of Gravid Uterus at the placental attachment, in a twin case, exhibiting the reflexion of the membranes.

193 A Placenta and Chord injected (size) membranes preserved.

194 A Fœtus in Utero (5 or 6 mos.)

F

195 An Abortion, Fœtus within its membranes.
196 An Abortion, fœtus within its membranes.
197 Do.
198 Do.
199 Do.
200 Do.
201 Do.
202 Fœtus within its membranes.
203 Do.
204 Do.
205 Do.
206 Do.
207 A portion of Amnion, unusually thick.

F b b *Monsters.*

208 A Fœtus at full time—membrane thinly supplying the place of a cranium.
209 Head and part of a Trunk—Head monstrous.
210 Do. back part of the head and spinal column deficient.
211 Do. do.
212 A Fœtus.

G *Senses.*

G a a *The Eye.*

For the sense of taste, vide the first part of Digestive
G a *System.*

213 Human eye divested of its appendages.
214 Do. do. sclerotica turned off, to show choroid coat.
215 Do. do. exhibiting the nerves of the Iris.
216 Do. do. choroides, minutely injected.
217 Do. do. do.
218 Do. sclerotica removed, vasa vorticosa injected.

G a

219 Do. of a young subject, Iris minutely do.

220 Do. of a fœtus choroides and membrana pupillaris, minutely injected.

221 Iris of a Fœtus, injected.

222 Ciliary processes of a Human Eye, injected.

223 Do. do. Sheep's. do.

224 A Sheep's Eye, exhibiting all the Coats.

225 Section of a Haddock's Eye, showing the plicated state of the choroid and retina.

226 Do. do. Human Eye, to show the situation of the lens—choroides, injected.

227 Lens of a Haddock—its proper capsule turned off, and its fibrous and lamellated structure distinctly seen.

228 A section of the Eye, showing that the optic nerve does not enter in the axis of the eye.

229 The muscles and nerves of the Eye, dissected.

230 A Turtle's Eye, with the membrana nictitans.

231 Tarsi of the Eyelids, remaining in the orbit; the sac and ductus ad nasum, filled with mercury—the puncta have bristles inserted in them.

232 Tarsus of Superior Lid.

233 Lacrymal gland, injected with mercury.

234 A Lens, ossified.

G b b *Ear.*

235 External Ear, minutely injected.

236 Do. do. of Fœtus—the meatus auditorious laid open down to the membrana tympani.

237 A section of an Ear injected, exhibiting the membrana Tympani, the connection of the malleus to it, and the relative situation of the ossicula.

238 Do. having the cavity of the Tympanum and Mastoid ulls all exposed, injected.

G b

239 The cavity of Tympanum—its ossicula and their muscles seen.

240 The Ossicula and bony Ring of the Ear.

241 Section of the Temporal Bone, membrane injected, showing the cavity of the tympanum—bristles passed into the semicircular canals and cochlea.

242 The semicircular Canals and Cochlea laid open, bristles tracing their course.

243 Polypus of the Ear.

G c

c *Nose.*

244 A bisected Head injected, exposing the cavity of the mouth and nose, with the turbinated bones, &c. the nerves seen passing out of the cranium.

245 Do. exposing the scinderian membrane highly injected.

246 Cavity of mouth and nose of a child, highly injected—Eustachian tube seen, &c.

247 Superior and inferior turbinated bones in situ—bougie introduced within the ductus ad Nasum.

248 Polypus of the Nose, with a portion of bone attached.

249 A cluster of Polypi from the same Nose.

G d

d *Touch.*

250 Exhibits the permanent impression made by certain substances on the skin.

251 Epidermis with hair.

252 A portion of African's Skin, the cuticle and rete mucosum separated.

253 Do. shows Cuticle, rete mucosum and cutis vera separated from each other.

254 Chin, Lips, Nose and Cheeks, minutely injected.

G a

255 Foot of a child injected, to show the Villi of the integuments.

256 Hand of do. integuments minutely injected.

257 The Skin of an Adult's Hand, minutely injected.

H H *Nervous System.*

258 Fourth Ventricle, laid open to show the origin of the Portio-Mollis, of the seventh pair of nerves.

259 Medulla Spinalis, vertically divided, to show the difference of colour between its two substances.

260 Do. separated into four columns.

261 Do. exposing the origin by planes of the spinal nerves, and the mode by which they pass through, the investing membranes.

262 Do. do.

263 Do. showing the origin and course of the Spinal accessory of Willis.

264 The Cerebellum, exposing the arrangement of its substance, &c. the ligamentum denticulatum distinctly shown.

265 Lower portion of Medulla Spinalis, and commencement of the cauda equina; an artery injected upon it.

266 Cauda Equina.

267 Do. very large and long.

268 A Ganglion of Nerves.

269 An Auxillary Plexus.

270 A Child—the whole nervous system dissected and displayed.

271 Do. partially dissected.

I I *Miscellaneous.*

272 Interosseous Ligament of the fore-arm.

273 Ligaments of the knee-joint, dissected.

I

274 Semilunar Cartilages of the knee-joint.

275 Cartilage from lower end of Tibia, with the capsular ligament injected.

276 Plexus Choroides, with little tumours.

277 Pia Mater, and its processes, injected, showing the tomentum cerebri.

278 Blood extravasated between the brain and dura mater.

279 Do. between the membranes and cranium.

280 Do. in the substance of the brain.

281 Coagulable Lymph deposited on a membrane, appearing coloured, from the injections having passed into the vessels of the new formed part.

282 A portion of Pericardium, with lymph effused upon it.

283 A large Thyroid Gland.

284 An unusually large Thymus Gland.

285 A Thymus Gland, lungs, &c. injected in situ.

286 Trunk of a Fœtus, the parietes of the thorax and abdomen removed, to show the viscera of those cavities in their natural and relative situation, with a vein of the medulla spinalis, injected.

287 A schirrous Mamma bisected, to exhibit its internal arrangement.

288 Sac of an encysted tumor of the breast.

289 Tubuli Lactiferi, bristles inserted into them.

290 Tendo-achillis injected, to show the vascularity of tendons.

291 An ossified gland.

292 Metatarsus and Phalanges, injected.

293 Commencing ossifications in the ribs and sternum of a fœtus.

294 Ossification commencing in a Patella, injected.

295 Do do. do. uninjected.

I

296 Fœtal Femur, exhibiting the different points of ossification and its vascularity.

297 Ossification just commencing in a fœtal spine.

298 Do. more advanced.

299 Maxilla inferior of a fœtus, exhibiting the commencement of the alveolar formation.

300 Thyroid cartilage of an Elephant, its minute vessels ossified.

301 A young Shark with its cyst, analogous to vesicula alba of the fœtus.

302 An encysted tumor.

303 A Fish, with its spermatic organs unravelled.

304 An adipose tumor from the posterior part of the head.

CATALOGUE.

DEPARTMENT B.

CONSISTING OF VASCULAR AND DRIED PREPARATIONS.

CASE, No. 2.

No.	
1	An Aneurism of the Aorta, with curved spine—the bodies of the vertebræ in contact with the diseased artery, are carioas from pressure.
2	The Dorsal vertebræ, with the aorta and its descending branches. The superior cava, subclavian vein and vena azygos injected; as also the thoracic duct, to show the begining, relative situation, course and termination of that latter vessel.
3	The Aorta, Superior Cava, Subclavian, Thoracic Duct, Trachea and Œsophagus, in connection and relative situation.
4	The Receptaculum Chyli and Thoracic Duct, with the aorta attached to the spine, in situ naturali.
5	A Bust, with the arteries of head, neck and thorax injected.
6	A Human Heart, injected with the peculiarity of *three* pulmonary veins on the left side, and two on the right.
7	Do. with the vessels proceeding from it unusually large—the aorta much ossified.
8	Do. beautifully injected, cororary veins and arteries exhibited.
9	Trunk of a Boy, Aorta and its abdominal vessels injected.

10 Do. Aorta and its ascending, as well as abdominal branches injected.

11 Trunk of a Fœtus injected; showing the umbilical arteries *ductus arteriosus*, and the manner in which the pulmonary arteries arise.

12 Do. exhibiting the fœtal circulation.

13 Fœtal circulation completely injected, exposing all of its peculiarities.

CASE, No. 3.

14 Superior extremity, injected—the deep seated arteries and veins of the fore-arm brought into view.

15 Do. injected with a peculiarity, viz. the anastamosing branches at the shoulder joint, arise by a trunk from a common trunk of the inf. scapulary and articular arteries.

16 Do. injected and several peculiarities observed in the arterial distribution, viz. from the axillary artery —just before it becomes brachial, a large branch arises and runs the whole length of the arm to assist in forming the superficial palmar arch— the ulnar branch accompanying the radial to the extremity of the radius, at about its tubercle, pierces the radial nerve.

17 Superior extremity—arteries and veins injected.

18 Do. with half a thorax, exhibiting a high division of the brachial artery.

19 Superior extremity—arteries injected.

20 Do. do.

21 Do. do. and veins injected.

22 Do. do. do.

23 Do. and thorax of a Child, do.

24 Part of the arm and fore-arm, injected; high division of the brachial artery.

25 Superior extremity of a Child—arteries injected.

26 Do. do. do. with a high division of the brachial artery.

27 Fore-arm injected.

28 Hand do.

29 Do. do.

CASE, No. 4.

30 An inferior extremity, with a section of the Pelvis; Arteries injected. The obturator artery is given off from the femoral artery just below the arch.

31 Inferior extremity, injected.

32 Do. do. do. with a section of the pelvis. The obturator and epigastric arteries, given off in a common trunk from the femoral artery, below the arch.

33 Do. do. minutely injected. The obturator is given off from the internal pudic.

34 Do. do. arteries and veins injected.

35 A Leg, injected.

36 A Boy's Foot, arteries injected.

CASE No. 5.

37 A Bust, arteries & veins injected, as also the heart, in situ.

38 Section of the Head—arteries injected.

39 Do. do. do.

40 Head—arteries injected.

41 Do. of a young subject, with hydrouphalus; arteries injected.

42 View of the Circle of Willis, arteries injected.

43 Arteries of the Head injected, showing the course of the carotid and vertebral arteries before entering the scull; also, the circle of Willis.

44 Arteries of the Head—more particularly the internal maxillary, the internal carotid by the os sphenoides, and also the arteries within the head.

45 A Head, showing the sinues of the brain and the processes of the dura mater.

46 Cast of the base of the cerebrum.

56 Section of the bones of the Face, showing the arteries and veins of the membrane of the Nose where it covers the septum. The antrum of highmore and its opening into the Nose exhibited.

57 Fœtal Pelvis, showing the condition of the bones at that period.

Case 6th.

47 The whole arterial and part of the Venous System and heart injected.

48 An entire Subject—arteries injected—bones of the head carious.

49 A Boy, arterial system entirely injected.

50 Child—heart and arteries injected.

51 A Subject, with the arteries and veins injected and dissected.

52 Section of a Child's Body—heart, arteries and veins injected.

53 The Aorta, with the phrenic, Cœliac, superior mesenteric and renal arteries injected. The stomach and duodenum preserved of their natural size and in situ. The cœliac artery painted *white*, the coronary *red*, the hepatic *yellow*, and the splenic *green*.

54 The same arteries injected as above ; also the *spermatic* which arises from the *renal*. The stomach, pancreatic, cystic and hepatic ducts preserved in *situ*. The stomach unusually large (not over distended) from an emaciated subject.

55 Penis injected, bladder preserved in connection to exhibit the natural curve of the urethra.

CASE 7th.

58 A Stomach, partially injected.
59 Do. do. do.
60 Portion of Colon, injected.
61 Do. do. Jejunum do.
62 Stomach minutely injected.
63 Do. do. do.
64 Do. and beginning of the intestines from a Codfish ; the blind vermiforme appendage which surrounded the latter seen.
65 A diverticulum.
66 A portion of intestine injected.
67 Lower portion of the Colon, injected.
68 Valve of the Ileon, injected partially.
69 Do. do. do. minutely.
70 Do. do. do. do.
71 Do. do. do. uninjected.
72 Do. do. do.
73 A Gall-Bladder, injected.
74 Do. do. uninjected.
75 Do. do. do. inflated to show its form.
76 Do. do. very large, with a duct.
77 Do. do. fœtal.
78 Do. do. with calculi.
79 Do. do. with peritoneal coat turned off.
80 A Bladder of a Fœtus, to show in what respect it differs from this viscus in the adult.
81 The Rectum, Uterus, Vagina and Bladder in their connection and relative situation, from a child.
82 Bladder from Fœtus injected.
83 Do. injected.
84 Dura Mater, with its sinuses injected.

85 Dura Mater, with its central artery injected.

86 Portion of Intestine, injected.

87 Do. do. do.

88 Arteries of the small intestines injected, to demonstrate their anastemosis.

89 Veins of the chord and vas defferens, injected.

90 A Twin Placenta, which required injection in each chord, proving no community of circulation between them. Membranes distinct on each side.

91 Placenta and umbilical chord, arteries and veins injected.

92 Do. do. do.

93 Do. do. do.

94 Do. do. imperfect.

95 Heart injected—unusually large—pulmonary arteries and veins dissected. The inferior cava, receiving the trunk of the *venæ cavæ hipaticæ.*

96 Heart injected, ascending branches of the aorta, with the subclavian and jugular veins preserved. The trachea, œsophagus, thoracic duct, and vena azygos all seen in connection and relative situation.

97 Heart and its vessels, injected.

98 Heart injected, vena azygos and thoracic duct seen.

99 Heart and its vessels, injected.

100 Heart of a young Subject, injected, ductus arteriosus diminished but still pervious.

101 Heart of a young Subject, branches of the pulmonary arteries and veins depicted, and those of V. C. hepaticæ, ductus arteriosus also seen, nearly obliterated.

102 The heart of a fish injected, demonstrating the *two* cavities peculiar to that class of animals; also the commencement of the artery of the gills.

103 Cast of the *three* cavities of the turtle's heart, in wax.

104 Heart and Lungs in relative situation, filled with wax —the superior part of the left being removed to exhibit the ductus Arteriosus.

105 Sections of the parietes of a Heart, dried, exposing its cavities.

106 Casts of the cavities of the Heart, in wax.

107 Bladder and Penis, injected, and in relative situation, to show the curve of the Urethra.

108 Do. do. do. do.

109 Penis, injected.

110 Corpora Cavernosa injected, and their crura seen attached to the rami of pubis.

111 The Osa Pubis, with the clitoris injected, in its natural situation and attachment; also the vascular body (corpus spongiosum vaginæ) in connection with it, injected.

112 Corroded preparation of the Kidney, showing the *infundibuli*, with the mark of the *Papillæ*, terminating in the *pelvis* and *ureter*.

113 Kidney, with two ureters, which soon unite.

114 Do. do do. do.

115 Section of the Corpora of the Penis injected.

116 Do. do. inflated and dried.

117 Sections of dried Vesiculæ Seminales.

118 Clitoris injected.

119 Thoracic Duct and Receptaculum Chyli, injected.

120

121 Os Hyoides.

122 Thyroid Cartilage, considerably ossified.

123 Cricoid do. do. do.

124 Cricoid Cartilage, ossified; as also the rings of the Trachea, preserved in connection with it.

125 Thyroid, Cricoid and Arytænoid Cartilages all ossified; as also the edges of Rima Glottidis and the Epiglottis.

126 Section of the Temporal Bone: exposing the semicircular canals and cochlea.

127 Section of Temporal Bone—the communication between the tympanum and mastoid cells exhibited.

128 Section of Temporal, exposing the membrana tympani, and its mode of attachment seen.

129 Section of Temporal Bone, exposing the cavity of the tympanum.

130 Do. do. semicircular canals and mastoid cells.

131, 132, 133 A variety of sections, exhibiting various views of the internal bony organ of hearing.

134 Tympanum laid open, and stapes seen attached over the foremen ovale.

135 Section of Tympanum, exposing the ossicula of the ear in natural connection and situation.

136 The Internal Organ of Hearing.

137 Semicircular Canals and Cochlea exposed.

138 Bony Ring of the Ear, and the Ossicula separate.

139 Semicircular Canals and Cochlea preserved in connection, and removed from the pars petrosa, labyrinth exposed, as also vestibule.

140 Organ of Hearing from a Fish.

141 Maxillæ, the external parts of the Alveolar sockets, removed to exhibit the *fangs* of the teeth.

142 Do. exhibiting the progress of shedding.

143 Do. exhibiting views of the two cells.

144 Do. do. do.

145 Specimens to show the internal structure of the teeth.

146 Growing Teeth.

147 Growing Teeth of Hog.

148 Diseased Teeth.

149 Varieties of the Lower Jaw, from the Fœtus to childhood.

150 Anchylosis of two Incisors.
151 Teeth of the Hog.
152 Hog's Grinders, first set.
153 Inferior Maxilla from a child, showing the then condition of Alveoli.
154 Tooth of a Mastodon.
155 Do.
156 Enamel from do.
157 Teeth of a Horse.
158 Lobster's Stomach, preserved to exhibit its teeth within.
159 Do. do. do.
160 Do. do. do.
161 Teeth from the Sheepshead.
162 Upper Jaw of do.
163 Teeth of a Drum.
164 a Shark, young.
165 Fang of a Rattlesnake.
166 Tooth of a Sperm Whale.
167 Under Jaw and Teeth of a Mouse.
168 A Calculus.
169 Do.
170 Do.
171 Do.
172 Do. highly crystallized on the surface.
173 Do.
174 Do.
175 3 Do. with *three* muclei.
176 Do.
177 Do.
178 Do.
179 Do.
180 Do.
181 Do.

182 A Calculus.
183 Do.
184 Do.
185 Do. } very large.
186 Do. from intestine of a Quadruped, }
187 Do.
188 Do. Cystic.
189 Do.
190 Do.
191 Do.
192 A Pebble Stone taken from the *Vagina* through the Bladder ; a deception having been practised on the physician by the female.
193 Calculi Biliary.
194 A Bezoar.
195 Fragments of Calculi.
196 Small Calculi.
197 Biliary Calculi.
198 Salivary.
199 Urinary Calculi, from the Urethra.
200 Urinary.

Nos. 442, 443, 444, 501, 502, 503, and 504 are contained in this case.

Case B.

Containing Morbid Bones.

201 Portion of the Spine of a Horse anchylosed.
202 Adult Spine with a lateral curvature.
203 Do. with an anterior curvature, several of its vertebræ anchylosed, the bodies of many carious and others entirely destroyed.

204, 205, 206 Portions of anchylosed Vertebræ.

207 Portion of Spine anchylosed, and Ribs anchylosed to Vertebræ.

208 Head of the Femur diseased and much enlarged from Morbus Coxarius.

209 Do. do.

210 Exostosis of the Femur.

211 Do. do.

212 Femur Ulcerated and with Nodes, Venerial.

213 Unreduced Fracture of the Femar, united by exuberant Callus.

214 Enlarged and diseased Femur, very light venerial.

215 Exostosis of Femur.

216 Necrosis of do.

217 Diseased Femur, head enlarged, very light.

218 Spina Ventosa of Femur and Tibia.

219 Tibia Caries.

220 Do. do.

221 Tibia and Fibula, (the Fibula partially absorbed) with a large Exostosis, from a blow on the knee.

222 Tibia enlarged and unusually curved.

223 Fracture and reunion of Tibia, Exostosis.

224 Tibia Caries with nodes.

225 Do.

226 Do. Venerial.

227 Tibia Ulcerated.

228 Do. Necrosis of, with a Sequestrum.

229 Do. do.

230 Do. and curved.

231 Do. Nodes.

232 Do. very light.

233 Do. do.

234 Tibia and Fibula, anchylosed at lower end.
235 Fibula diseased.
236 Anchylosis of Innominatum to Sacrum.
237 Do. do. do.
238 Do. do. do.
239 Do. do do.
240 Do. Innominata do.
241 }
242 |
243 |
244 | Fracture and reunion of Fibulæ—Fibulæ variously
245 } diseased.
246 |
247 |
248 |
249 }
250 Ulcer of Sternum and sternal end of the Clavicle.
250 1-2 Humerus diseased.
251 Ulna diseased.
252 Do.
253 Radius.
254 Anchylosis of Radius and Ulna near wrist.
255 Do. do. do.
256 A bifurcated Rib.
257 Do. do.
258 Clavicle fractured and reunited by exuberant callus.

CASE, No. 1.

Containing Natural Bones for demonstration.

259 A Thorax articulated.
260 A Trunk do.
261 Os Sacrum.
262 }
263 } Do.
264 }

265 Ossa Innominata.

266 }
267 |
268 |
269 |
270 } Do.
271 |
272 |
273 |
274 }

275 Do. Crest in a state of Epiphysis.

276 Do.

277 Do.

278 Do.

279 Section of an Innominatum, with the articulation of the Hip—its ligaments preserved.

280 Lower extremity articulated.

281 }
282 } Do. do.

283 Section of Sacrum, exposing its internal structure.

284 Femur of a Child, Trochanter Majr. in state of Epiphyses.

285 Do. Condyle do. a state of Epiphysis.

286 }
287 |
288 |
289 } Bones of the Thigh.
290 |
291 |
292 }

293 } Tibia.
294 |
295 } Do.
296 |
297 }

298 Tibia bisected, exposing its internal structure.

299 }
300 } Do.
301 }

302 Fibulæ.

303 }
304 |
305 |
306 |
307 |
308 } Fibulæ.
309 |
310 |
311 |
312 |
313 }

314 A Spine articulated.
315 Do. do. and bisected.
316 Do. do. do.
317 Separate vertibræ of the Spine.
318 Separate bones of the Foot, in which case is contained (155) the metatarsal bone of the small toe, which had sustained two toes.
319 Separate bones of the Hand.
320 Femur Head and Neck, in state of epiphysis.
321 Sternum, cartilages, &c. preserved in connection.
322 Do. do. with the cartilages of the *true* ribs
323 Clavicle.

324 }
325 } Do.
326 }

327 A small Scapula, the coracoid process in state of epiphysis.
328 Do. do. do.
329 Scapula.

330 }
331 |
332 |
333 |
334 } Do.
335 |
336 |
337 }

338 Do. Ligaments between Acromion and Coracoid, processes ossified.

339 Acromion, as an epiphsis.

340 Do. do.

341 Humerus Head, in state of epiphysis.

342 }
843 |
344 |
345 } Do. Humeri.
346 |
347 |
348 }

349 Ulna.

350 }
351 |
352 |
353 } Do.
354 |
355 |
356 } Radius.

357 }
358 |
359 |
360 } Do.
361 |
362 |
363 }

364 Scapula, with clavicle and ligaments preserved.
365 Do. do. do.
366 Do. The Acromion, though Adult, in a state of epiphysis.
367 Glenoid Cavity of Scapula, the humerus attached, and the long head of the biceps seen in its groove.
368 Scapula, with the ligaments of the shoulder-joint preserved.
369 Do. with clavicle and do. do.
370 Knee-Joints and Ligaments preserved.
371 Do. do. do.
372 Do. do. do.
373 Hip Joint and Ligaments.
374 Bones of superior Extremity, with the hand articulated.
375 Do. do.

Under Case, No. 6.

Contains chiefly Casts.

376 Pelvis articulated.
377 Do. do.
378 Do. do.
379 Cast of the Pelvis.
380 A Pelvis.
381 Cast of Pregnant Woman (9 mos.) who died undelivered—the uterus and abdominal viscera exposed.
382 Cast from the same subject—the superior part of the uterus removed and the fœtus exposed.
383 Cast as above—the child removed—the placenta and umbilical chord shown.
384 Cast of the Male Organs unusually situated—the ureters terminating on the two eminences of a fleshy excrescence above the Penis.
385 Cast of the Fore-Arm, with an aneurismal varix.
386 A phrenological bust.

387 Cast of the superficial layer of Muscles.
388 Do. do.
389 Skeleton.
390 Do.
391 Do. female.
392 Box, containing all the separate bones of the Head and Face.

Shelf A.

393 Fœtel Heads.
393 1-2 Do. do. do.
394 Horizontal section of the Head.
395 Do. do. do. frontal sinuses exposed.
396 Do. do. do. cavity of highmore exposed.
397 }
398 |
399 | Various sections of Head, exposing cavities, process, &c.
400 |
401 | Shows the processes of the Dura Mater, & their attach-
402 } A Scull. [ment.
403 Scull from Peru, occiput flattened.
404 Scull, with anchylosis of first vertebræ to the Occiput.
405 Sculls.
406 Do.
407 Scull of an Old Man, all the alveolar sockets obliterated.
408 Do. do.
409 Do. do. a Cuspidatus tooth contained in the substance of the upper Jaw.
410 A Scull, with its Sutures, some obliterated, others partially so.
411 Do. from the Sandwich Islands.
412 Do. painted, to show its different bones distinctly.

413 Scull of an Ideot.
414 Do. of Peruvian.
415 Do.
416 Do. from Columbia River—flattened forehead.
417 Do. with an uncommonly large os triquetrum.
418 Do. do.
419 Do. of an Ogilwey Indian from Lake of woods.
420 Do. section of.
431 Do. do.
422 Do. with depression of a portion of os frontis.
423 Do.
424 Do.
425 Do.
426 }
427 }
428 } Various sections of Sculls.
429 }
430 }
431 }
432 Horizontal section, with a fracture and great depression, from which patient recovered without an operation.
433 A collection of Maxillæ, inferior.

UPPER DRAW, UNDER CASE 4th,
Contains various Bones for demonstration.

434 Bones of a Fœtus, some of them from a woman's rectum.
435 Ribs do.
336 Clavides do.
437 Bones of Pelvis do.
438 Scapulæ do.
439 Temporal do.
440 Sphenoid do.

441 Inferior and Superior Maxillæ do.

442 Inferior Jaw, Teeth and sockets, in varying stages of progress. } These are contained in case 7.

443 Do. do. do.

444 Do. do. do.

445 Temporal Bones.

446 Frontal Bones of Fœtus.

447 Do. do. of Child's Pelvis.

448 Femur and Tibia Child.

449 Bone of Racoon's Penis.

450 Bones and black periosteum, from the silk fowl.

451 Section of the Condyles of Femur, to demonstrate its reticular structure.

452 Child's do. do.

453 Do. Patella do.

454 Do. head of Tibia.

455 Do. Portions of Trephined Bone of various thickness.

456 Do.

457 A large exfoliation of Parietal and Occipital bones, including their sutures.

458 Do. os unguis.

459 Portions of bones of head, of exceeding thickness, showing venous sinuses

460 Section of Bones of the Face.

461 Turbinated Bones.

462 Natural skeleton of a Child.

463 Do. do. with spina bifida.

464 Cavity of Higmore exposed.

465 Vomer and palatine bones.

466 Scapula of a Pig, coloured with madder.

467 Elbow Joint, its ligaments preserved. } contained

468 Hand and Wrist. } Case, No. 1.

469 Ossifications from Dura Mater.

470 Several glands from the mesentery, greatly enlarged and ossified.
471 Ethmoid Bone.
472 Fractured femur of a Chicken.
473 Ethmoid of a Hog.
474 Wax cast of the Ear.
475 Turtle injected.
476 Jaws of a large Shark.
477 Do. do.
478 Head and jaws of a Dolphin.
479 Do. do of Porpoise.
480 Jaws do. of do.
481 Do.
482 Do.
483 Monkey's Heads.
484 Pointer's do.
485 Dog's do.
486 Cat's do.
487, 488 Cat's do.
489 Head of the Dock Rat.
490 Do. do.
491 Cow's Head.
492 Horse's do.
493 Greenland white Bear's Head.
494 Turtle's Head.
495 Owl's do.
496 Turkey's do.
497 Scapula of a Whale.
498, 499, 500 Ribs and fragments of bone from the Mastodon.

501 Ossified Femorals vein and artery injected.
502 Do.
503 Do. artery.
504 Ossified artery.

} contained in Case 7.

The 2d Draw, under Case 4

505 Portion of Intestine and Mesentery dried and minutely injected.
506 Arteries and veins of Mesentery injected.
507 Dura Mater minutely injected.
508 Arteries and veins of Intestines injected.
509 1st order of Lymphatics injected.
510 Arteries, veins and absorbents of the Intestine, and Mesentery of a Turtle injected.

COLUMBIA UNIVERSITY LIBRARIES

This book is due on the date indicated below, or at the expiration of a definite period after the date of borrowing, as provided by the library rules or by special arrangement with the Librarian in charge.

DATE BORROWED	DATE DUE	DATE BORROWED	DATE DUE

C28(842)M50

M-QL814 C72

Columbia u
physicia
Catalogu
museum.

s/13/1

COLUMBIA UNIVERSITY LIBRARIES
0050850008

e of
1

M-QL814 C72